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# ANNUAL REPORT OF THE ROYAL BOTANIC GARDEN, CALCUTTA, FOR THE YEAR 1884-85.

No. 29G., dated Calcutta, the 15th July 1885.

From—GEORGE KING, Esq., M.A., L.L.D., Superintendent, Royal Botanic Garden, Calcutta,

To—The Secretary to the Government of Bengal, Financial Department.

I HAVE the honour herewith to submit the ninety-eighth annual report of the Royal Botanic Garden.

## ANNUAL REPORT OF THE ROYAL BOTANIC GARDEN, CALCUTTA, FOR THE YEAR 1884-85.

THE progress of the garden during the year has, I think, on the whole, been satisfactory. But little damage has been done by storms, and the low temperature of the cold season worked less mischief than usual amongst the more delicate species cultivated in the conservatories. The conservatories continue to be very attractive to visitors, and every attempt is made by the continual replenishment and re-arrangement of their contents to keep them in as high a state of efficiency as possible. The show of orchids last season was the best that I recollect to have seen since I took charge of the garden. The majority of the many trees planted in the grounds during the past few years have grown well, and the greater part of the garden now presents a fine park-like appearance. The new works put through during the year were not numerous, there being now but little new work necessary. A continuation was made of the boundary wall along the northern limit of the garden. Walls were also made in the neighbourhood of the nursery, the bricks used in building being all made within the garden. An old conservatory which used to stand near the orchid house and in which plants never could be got to thrive well, was removed during the year, and was re-erected in the nursery, where, as a reserve house for the conservatories, it will be of great service. Towards the end of the year Government was pleased to sanction an extra grant of money for the protection of the frontage of the garden to the river. The bank, as mentioned in former reports, had in many places become much eroded by the wash caused by steamers passing at a high rate of speed when the river is high. The year before last I was enabled to protect one of the worst pieces of bank, and the further grant given last year should be nearly sufficient to finish the work. The garden still continues rather inaccessible from Calcutta. But I presume that, until public money is more plentiful, this cannot be remedied by the continuation of the Port Commissioners' road from the Shalimar Point to the garden gate.

Economic plants.

2. Various plants of economic interest, and especially fibre-yielding species, have received attention during the year. At the request of the Government of India, a further attempt was made to introduce into the province of Bengal the kind of plantain (*Musa textilis*) from which Manilla hemp is derived. Plants of this species were accordingly distributed to the Magistrates of districts. As I anticipated, this attempt (like its predecessors) was a failure, and from the same cause. The low temperature of the cold weather proved too much for the plants and they all died. A small patch of rheea continues to be kept up in the garden, from which quantities of green stems were made over during the year to persons interested in discovering an efficient cheap method of extracting the fibre. Quantities of roots were also distributed to several applicants. Bow-string hemp is a fibre which of late has attracted considerable attention. It is no doubt an admirable fibre, and is not difficult of extraction from the plant (*Sansèviera Zeylanica*) that produces it. The plant is not indigenous in this part of India, but it grows well here; and a good many plants of it have been distributed during the year. In several of my recent reports I have referred to the Japan paper mulberry as a hopeful source of paper fibre for Bengal. I am happy to say that the trees of this species in

the garden continue to grow well. Although now only three years old, they are twenty-five feet high and have proportionately thick stems. The fibre contained in the bark is one of the best materials for paper known. It is easily separated, is strong, and requires little bleaching. As the tree grows thoroughly well and coppices freely, I think it quite possible that, in the course of time, natives may be induced to grow it on the odd corners of land which are so common near Bengali villages. It is gratifying to find that the bhabur or sabai, a native grass to which I first directed attention in my annual report for the year 1877-78, has now become a recognized raw material for paper, and that it is largely used in local manufacture. Mahogany and the various plants yielding India rubber continue to be propagated and distributed as the resources of the garden permit. Much attention has of late been directed to the coca plant, the leaves of which contain an important alkaloid called cocaine, and efforts have been made during the year to propagate quantities of this plant for distribution.

Herbarium.

3. The additions to the herbarium during the year were very considerable. A large number of dried specimens, chiefly of European species, was received from Sir J. D. Hooker, the well-known Director of the Royal Garden at Kew. This donation is one of a long series which the Calcutta herbarium has received from the same liberal hand. From the Malayan Peninsula large numbers of dried plants were received. These were mostly collected in the province of Perak by Mr. H. H. Kunstler. These specimens are in admirable condition, and form a very important addition to our collection. Mr. J. Sykes Gamble, Conservator of the Forests of the Northern Circle of the Madras Presidency, contributed many most interesting specimens collected during his extensive tours. Mr. Gamble's collections of former years were both extensive and valuable, and strengthened our herbarium in no mean degree, and to no Indian contribution is the Calcutta herbarium more deeply indebted. Mr. J. F. Duthie, Superintendent of the Saharanpur Botanic Garden, sent a very interesting collection, containing several novelties obtained by himself in the Ghurwal Himalaya. During the exploration in the course of which these plants were brought together, Mr. Duthie penetrated into several remote valleys that have not hitherto been visited by Europeans. It is to be hoped that Mr. Duthie may be allowed to continue his explorations during the present year. Mr. Talbot, Deputy Conservator of Forests in Canara, has during the past, as in former years, sent some excellent specimens illustrating the vegetation of the splendid forests of the Western Ghats, a region of which the vegetation used to be but poorly represented in the collection here. The same good work has been also helped forward by Dr. T. T. Cooke of the Science College, Poona, from whom I have to acknowledge the receipt of admirable collections made at Mahableshwar. Dr. Trimen of the Botanic Garden, Ceylon; Mr. Hullett of the Raffles Institute Singapore; Mr. C. B. Clarke of the Bengal Educational Department; and Mr. Maries of Durbhunga have all contributed specimens of interest and value. M. Boissier of Geneva, the possessor of one of the largest private herbaria in the world and the author of the admirable *Flora Orientalis*, was good enough to present a fine lot of plants, chiefly European and North African. Sir Ferdinand Von Muller of Melbourne continued his contributions of Australian plants. Mr. Croft, Director of Public Instruction in Bengal, presented a curious and interesting collection made by Baboo Sarat Chandar Das at high levels in the Eastern Himalaya. Mr. H. O. Forbes contributed a considerable number of specimens from the Malayan Archipelago. And finally, the herbarium was enriched by the dried plants brought from the Andamans by a native collector sent from this garden, whose work in the Andamans, Mr. M. H. Ferrars (the Forest Officer of the Settlement) was good enough to supervise. The whole of these contributions have been mounted, poisoned, and stowed away in cabinets.

Interchange of plants and seeds.

4. The interchange of plants and seeds went on actively. During the year 23,433 living plants were sent out to public institutions in India; and the extent to which botanical institutions beyond India benefited by this garden may be judged of by the fact that the foreign issues occupied 42 Wardian

cases. Of seeds, 2,979 packets were distributed. On the other hand, living plants to the number of 12,056 and packets of seeds to the number of 1,201 were received from contributors in India and in various foreign countries. The contributors to whom the garden is chiefly indebted are Sir J. D. Hooker of the Royal Garden, Kew; Dr. Trimen of the Royal Botanic Garden, Ceylon; Mr. Duthie of the Botanic Garden, Saharanpur; the Superintendents of the Botanic Gardens in Demerara, Natal, Mauritius, Hong-Kong, Queensland, and Jamaica; M. Linden, Manager of one of the great nurseries at Ghent. The Superintendents of the Government Gardens at Poona, of the Government Museum at Madras, the Secretaries of the Agri-Horticultural Societies of Calcutta, Madras, Lucknow, and Lahore, have also sent valuable contributions, as have several forest officers. With their accustomed liberality, Messrs. Apcar and Company have given free passes for all cases passing between this garden and Singapore or China.

5. During the first seven months of the year, I was absent on furlough in England, and my duties were carried on during my absence by Mr. L. J. K. Brace, Curator of the herbarium. Mr. G. Urquhart has been Curator of the garden during the year; and Mr Bahr, who has worked with much zeal and intelligence, has been Assistant Curator in charge of the conservatories and nurseries.

6. The receipts from sale of surplus plants amounted to Rs. 1,075-11-6, which sum was paid into the treasury as Government revenue. This amount fell short of the estimate by Rs. 324-4-6. The revenue by sale of the plants could be increased; but only by encroaching on the trade of private nurseries. And that Government has expressed its determination not to do.

Lloyd Botanic Garden, Darjeeling.

7. In former reports I described the havoc committed in this garden by the grubs of a cockchaffer which appeared in the soil of the garden in myriads and ate up almost every plant that it contained, sparing only the larger trees. During the year under review this pest gradually disappeared, and towards the end of the year Mr. Jaffrey had succeeded in re-stocking the garden with plants of sorts. But many of the rarer kinds, got at considerable expense from Europe and elsewhere, have disappeared, and their replacement must be a matter of time. The grub is, I hear, extending its ravages in the Darjeeling district. It is to be hoped that it will confine itself to the weeds in tea gardens, and that it will spare the tea bushes. The sides of the sanitarium hill above the garden (by slips from which the garden suffered considerable damage in former years), appear at last to have become consolidated; and it is to be hoped no more damage will occur from that source. The vegetable garden owned by the municipality, but worked by Mr. Jaffrey for the Municipal Commissioners, having been greatly damaged by successive landslips, gradually became a losing concern, and was towards the end of the year resumed by the Commissioners, who threaten to build either bazar huts or washing tanks for dhobies on the site. The interposition between the grounds of the Eden Sanitarium and Botanic Garden of buildings of this sort would be a great blot on the amenity of the neighbourhood; and I trust the Commissioners may reconsider their decision and see their way towards restoring the ground to horticultural purposes. Sales of plants to the extent of Rs. 625 (against an estimated revenue of Rs. 300) were made at the garden during the year. Mr. Jaffrey has worked with much enthusiasm and energy under rather depressing circumstances.

8. The usual returns, four in number, are appended.

# APPENDIX I.

*Statement showing Plants received from 1st April 1884 to 31st March 1885.*

| From whom received. | Wardian cases. | Boxes. | Number of plants. |
|---|---|---|---|
| Royal Garden, Kew, London ... ... ... | 5 | 1 | 177 |
| Do. Botanic Garden, Ceylon ... ... ... | 4 | ..... | 105 |
| Do. ditto, Mauritius ... ... ... | 1 | ..... | 16 |
| Government Botanic Garden, Saharanpur ... ... | ..... | 4 | 88 |
| Botanic Garden, George Town, Demerara ... ... | 1 | ..... | 8 |
| Ditto, Natal ... ... ... ... | 1 | ..... | 3 |
| Ditto, Bowen, Queensland ... ... | 1 | ..... | 68 |
| Ditto, Jamaica ... ... ... | 1 | ..... | 73 |
| Ditto, Gunesh Khind, Poona ... ... | ..... | 1 | 14 |
| Lloyd Botanic Garden, Darjeeling ... ... ... | ..... | 9 | 820 |
| Agri-Horticultural Society, Calcutta ... ... ... | ..... | ..... | 84 |
| Compagnie Continentale d'Horticulture, Gand ... ... | 2 | ..... | 84 |
| J. Gammie, Esq., Government Cinchona Plantation, Mungpoo | ..... | 10 | 957 |
| Superintendent, Government Museum, Madras ... ... | 1 | 2 | 43 |
| Revenue Settlement and Agricultural Department, Madras ... | 1 | ... | 28 |
| Deputy Post-Master-General, Rangoon ... ... | ..... | 1 | 126 |
| Ditto ditto, Indore... ... ... | ..... | 1 | 5 |
| Government High School, Rangoon ... ... ... | ..... | 1 | 126 |
| Dr. E. Bonavia, M.D., Etawa ... ... | ..... | ... | 4 |
| „ T. Beaumont, M.D., Hyderabad ... ... ... | ..... | 2 | 8 |
| „ J. Reid, M.D., Calcutta ... ... ... | ..... | ..... | 87 |
| H. G. Batten, Esq., Rangoon ... ... ... | ..... | 1 | 62 |
| G. Bartlett, Esq., Calcutta ... ... ... | ..... | ..... | 125 |
| E. H. Man, Esq., Andamans ... ... ... | 1 | 33 | 262 |
| C. Maries, Esq., Durbhunga Raj Garden .. ... | ..... | 21 | 999 |
| G. Mc.D. Peché, Esq., Moulmein ... ... ... | ..... | 2 | 304 |
| A. O. Hume, Esq , C.B., Simla ... ... ... | ..... | 4 | 225 |
| A Simson, Esq , Calcutta ... ... ... | ..... | 1 | 96 |
| W. Stalkart, Esq., Howrah ... ... ... | ..... | ..... | 4 |
| C. B. Clarke, Esq., Calcutta ... ... ... | ..... | 2 | 26 |
| J. Parkes, Esq., Sikkim .. ... ... ... | ..... | 7 | 489 |
| J. Schaumberg, Esq., Calcutta ... ... ... | ..... | ..... | 10 |
| Miss E. Harwood, Calcutta ... ... ... | ..... | ..... | 6 |
| Collected by Curator ... ... ... ... | ..... | ..... | 41 |
| Ditto ditto, Rajapur ... ... ... | ..... | ..... | 40 |
| Ditto Munshi Abdoolla, Plant Collector ... ... | ..... | 24 | 4,934 |
| Baboo P. C. Sein, Seebpore ... ... | ..... | ..... | 14 |
| „ S. P. Chatterjee, Victoria Nursery, Calcutta ... | ..... | ..... | 133 |
| Horee Mally, Nurseryman, Manicktolla ... .. | ..... | ..... | 1,133 |
| Australian Commissioners for the Calcutta International Exhibition. | ..... | ..... | 29 |
| Bought at auction ... ... ... . | ..... | ..... | 109 |
| Mrs. M. Plowden, Algiers ... ... ... | 1 | ..... | 14 |
| Received from unknown donors ... ... ... | ..... | ..... | 77 |
| Total ... | 20 | 127 | 12,056 |

# APPENDIX II.

*Statement showing Plants sent out from 1st April 1884 to 31st March 1885.*

| To whom sent. | Wardian cases. | Boxes. | Number of plants. |
|---|---|---|---|
| His Royal Highness the Duke of Connaught ... ... | ..... | 1 | 73 |
| Government House Garden, Calcutta ... ... | ..... | ..... | 803 |
| His Excellency the Commander-in-Chief, Simla ... ... | ..... | 2 | 30 |
| Royal Garden, Kew, London ... ... ... | 1 | 3 | 157 |
| Royal Botanic Garden, Ceylon ... ... ... | 1 | 2 | 307 |
| Botanic Garden, Hong-Kong ... ... ... | 2 | ..... | 125 |
| Ditto, Jamaica ... ... ... | 1 | ..... | 35 |
| Ditto, Bowen, Queensland ... ... ... | ..... | 1 | 50 |
| Government Botanic, Garden, Saharanpur ... ... | ..... | 13 | 384 |
| Ditto Garden, Rangoon ... ... ... | ..... | 2 | 77 |
| Ditto ditto, Laroot, Perak ... ... ... | 15 | ..... | 400 |
| Jardin des Plantes, Saigon ... ... ... | 2 | ..... | 87 |
| Compagnie Continentale d'Horticulture, Gand ... ... | ..... | 2 | 279 |
| Lloyd Botanic Garden, Darjeeling ... ... ... | ..... | 2 | 20 |
| Government Agri-Horticultural Gardens, Lahore ... ... | ..... | ..... | 113 |
| Prince of Wales' Garden, Mozufferpore ... ... | ..... | 123 | 2,500 |
| Charkhari State Garden, Fatehpur ... ... ... | ..... | 9 | 140 |
| Public Garden, Bhownuggur ... ... ... | ..... | 3 | 183 |
| Belvedere Garden, Alipore ... ... ... | ..... | ..... | 12 |
| Zoological do., do. ... ... ... | ..... | ..... | 389 |
| Agri-Horticultural Society of India, Calcutta ... ... | ..... | ..... | 607 |
| Ditto ditto of Rangoon ... ... | 1 | ..... | 26 |
| York Exotic Nursery, Kew, Melbourne ... ... | ..... | 1 | 56 |
| W. Bull, Esq., New Plant Merchant, London ... ... | 1 | ..... | 11 |
| Messrs. James Veitch and Sons, Chelsea, London ... ... | 1 | ..... | 11 |
| Conservator of Forests, Madras ... ... ... | 4 | ..... | 111 |
| —— Burden, Esq., Bagshot Park, London ... ... | ..... | 1 | 78 |
| Dr. Phillip Robert Ruser, Switzerland ... ... | ..... | 1 | 6 |
| Colonel Carrick Buchanan, Scotland ... ... ... | ..... | 1 | 76 |
| H. Lumsden, Esq., ditto ... ... ... | ..... | 1 | 98 |
| W. Duff Bruce, Esq., Calcutta ... ... ... | 1 | ..... | 28 |
| Revenue Settlement and Agricultural Department, Madras ... | 1 | ..... | 30 |
| Magistrate of Chupra ... ... ... ... | ..... | 1 | 39 |
| Cantonment Magistrate, Dum-Dum ... ... ... | ..... | ..... | 200 |
| Commissary of Ordnance, Calcutta ... ... ... | ..... | ..... | 1,835 |
| Executive Engineer, Arrah Division ... ... ... | ..... | 6 | 102 |
| Government Engineer, Colombo ... ... ... | 1 | ..... | 30 |
| Director of Public Instruction, Rangoon ... ... | ..... | 1 | 43 |
| Government High School, ditto ... ... | ..... | 1 | 93 |
| Upper Military Orphan School, Kidderpore ... ... | ..... | ..... | 50 |
| Catholic Mission, Assensole ... ... ... | ..... | 49 | 1,000 |
| Officiating Principal, Calcutta Madrassa ... ... | ..... | ..... | 58 |
| Principal, Government Engineering College, Seebpore ... | ..... | ..... | 67 |
| Ditto, Ravenshaw College, Cuttack ... ... | ..... | 2 | 53 |
| Eden Hospital, Calcutta ... ... ... | ..... | ..... | 1,500 |
| Military Station Hospital, ditto ... ... ... | ..... | ..... | 787 |
| Medical College ditto, ditto ... ... ... | ..... | ..... | 3,100 |
| Trigonometrical Survey of India ... ... ... | ..... | ..... | 80 |
| Calcutta Town Hall ... ... ... ... | ..... | ..... | 50 |
| Ditto Bengal Club ... ... ... ... | ..... | ..... | 6 |
| Post-Master-General, Rangoon ... ... ... | ..... | 14 | 244 |
| Deputy Post-Master-General, Indore ... ... ... | ..... | 1 | 1 |
| Machine Experimental Committee, Calcutta ... ... | ..... | ..... | 6 ½ maund of rhea stems. |
| Surveyor-General's Office, Calcutta ... ... ... | ..... | ..... | 300 |
| Balason Tea Estate, Siliguri ... ... ... | ..... | 2 | 47 |
| Sub-Deputy Opium Agent, Shahabad ... ... | ..... | 17 | 270 |
| Inspector-General, Railway Mail Service of India ... ... | ..... | ..... | 100 |
| Secretary to the Agent, East Indian Railway, Calcutta ... | ..... | ..... | 20 |
| Dacca and Mymensingh State Railway ... ... | ..... | 11 | 250 |
| Superintendent, Gunpowder Factory, Ichapur ... ... | ..... | ..... | 200 |

APPENDIX II—*continued.*

| To whom sent. | Wardian cases. | Boxes. | Number of plants. |
|---|---|---|---|
| Superintendent, Foundry and Shell Factory, Cossipore ... | ..... | ..... | 86 |
| Ditto, Jails, Midnapore ... ... ... | ..... | 4 | 276 |
| Ditto, do., Dinagepore ... ... ... | ..... | 1 | 5 |
| Ditto, do., Chittagong ... ... ... | ..... | 3 | 50 |
| Ditto, Native Lunatic Asylum, Bhowanipore ... | ..... | ..... | 10 |
| General Agent, Court of Wards' Estate at Madhupur ... | ..... | 1 | 30 |
| Commissioner of Dacca ... ... ... ... | ..... | 1 | 5 |
| Collector of Chittagong ... ... ... ... | ..... | 7 | 65 |
| Ditto Shahabad ... ... ... ... | ..... | 1 | 5 |
| Ditto Maldah ... ... ... .. | ..... | 1 | 5 |
| Ditto Purneah ... ... ... | ..... | 1 | 5 |
| Ditto Beerbhoom ... ... ... ... | ..... | 1 | 5 |
| Ditto Bankoora ... ... ... ... | ..... | 1 | 5 |
| Ditto Rungpore ... ... ... ... | ..... | 1 | 5 |
| Ditto Nuddea ... ... ... ... | ..... | 1 | 5 |
| Ditto Jessore ... ... ... ... | ..... | 2 | 10 |
| Ditto Furreedpore ... ... ... ... | ..... | 1 | 5 |
| Ditto Backergunge ... ... ... | ..... | 1 | 5 |
| Ditto Mymensingh... ... ... ... | ..... | 1 | 5 |
| Ditto Durbhunga ... ... ... ... | ..... | 1 | 3 |
| Sub-Divisional Officer, Sasseram, Shahabad ... ... | ..... | 6 | 122 |
| Ditto, Jamtara, Sonthal Pergunnahs ... | ..... | 7 | 151 |
| Superintendent, Durbhunga Raj Garden ... ... | ..... | 12 | 388 |
| Port Officer, Calcutta ... ... .. | ..... | ..... | 50 |
| F. J. Atkinson, Esq., ditto ... ... ... | ..... | ..... | 30 |
| A. Apcar, Esq., ditto ... ... ... | ..... | ..... | 52 |
| S. T. Apcar, Esq., Garden Reach ... ... ... | ..... | ..... | 50 |
| J. Asphar, Esq., Calcutta ... ... ... | 1 | ..... | 7 |
| J. H. Beck, Esq., Sylhet ... ... ... | ..... | 7 | 130 |
| H. G. Batten, Esq., Rangoon ... ... ... | ..... | 1 | 94 |
| G. H. Bartlett, Esq., Calcutta ... ... ... | ..... | ..... | 19 |
| Mrs. Birch, ditto ... ... ... | ..... | ..... | 12 |
| Dr. T. Beaumont, Hyderabad ... ... .. | ..... | 1 | 20 |
| „ D. D. Cunningham, Calcutta ... ... | ..... | ..... | 127 |
| H. A. Cookerell, Esq., ditto ... ... | ..... | ..... | 13 |
| Messrs. L. E. Cantwell & Co., ditto ... ... | ..... | ..... | 300 |
| A. Creagh, Esq., Howrah ... ... ... | ..... | ..... | 3 |
| — Death, Esq., Calcutta ... ... ... | ..... | ..... | 50 |
| R. Falconer, Esq., ditto ... ... ... | 1 | ..... | 65 |
| J. Gammie, Esq., Mungpoo ... ... ... | ..... | 1 | 1 |
| J. H. Gilliland, Esq., Engineering College ... | ..... | ..... | 9 |
| J. J. C. Hardinge, Esq., Rangoon ... ... ... | 1 | ..... | 26 |
| A. O. Hume, Esq., Simla ... ... ... | ..... | ..... | 100 |
| W. M. Heriot, Esq., Manilla ... ... ... | 1 | ..... | 34 |
| Miss E. Harwood, Calcutta ... ... ... | ..... | 2 | 41 |
| J. Inglis, Esq., Sydney ... ... ... | 1 | ..... | 12 |
| E Irving, Esq., Calcutta ... ... ... | ..... | ..... | 36 |
| Major Joseph, Chinsurah ... ... ... | ..... | ..... | 8 |
| Colonel Jarrott, Calcutta ... ... ... | ..... | ..... | 2 |
| J. Jackson, Esq., Rangoon ... ... ... | ..... | ..... | 12 |
| S J Kilby, Esq., Calcutta ... ... ... | ..... | ..... | 23 |
| W. A. Kraal, Esq., ditto ... ... ... | ..... | ..... | 1 |
| C. Kelly, Esq., Howrah ... ... ... | ..... | ..... | 6 |
| H. H. H. Kunstler, Penang ... ... ... | 2 | ..... | 68 |
| — Lynam, Esq., Kidderpore ... ... ... | ..... | ..... | 4 |
| Surgeon-Major Morphew. Cawnpore ... ... ... | ..... | 2 | 24 |
| Marc Meugens, Esq., Calcutta ... ... ... | ..... | ..... | 6 |
| Mrs. Morrison, ship *Frank-N-Shayer* ... ... ... | ..... | ..... | 6 |
| Miss Midole, Calcutta ... ... ... | ..... | ..... | 7 |
| E. H. Man, Esq., Andamans ... ... ... | 2 | 1 | 69 |
| J. Moore, Esq., Serampore ... ... ... | ..... | ..... | 1,027 ½ maund of rheea stems. |
| A H. Mason, Esq., Engineering College ... ... | ..... | ..... | 14 |
| Messrs. J. Mackillican & Co., Calcutta ... ... | ..... | 1 | 23 |
| Captain MacMahon, steam-ship *Clan Sinclair* ... ... | 1 | 1 | 51 |
| J. Melville, Esq., Seebpore ... ... ... | ..... | 3 | 3 |

## APPENDIX II—*concluded.*

| To whom sent. | Wardian cases. | Boxes. | Number of plants. |
|---|---|---|---|
| Rev. A. L. Mitchell, Howrah ... ... ... | ..... | ..... | 3 |
| Dr. H. B. Purves, Burdwan ... ... ... | ..... | 2 | 16 |
| „ J. G. Pilcher, Howrah ... ... ... | ..... | ..... | 35 |
| R. Pantling, Esq., Mungpoo ... ... ... | ..... | 1 | 72 |
| W. Pigott, Esq., Calcutta ... ... ... | ..... | ..... | 30 |
| Captain Richards, ditto .. ... ... | ..... | ..... | 4 |
| Hon'ble H. J. Reynolds, c s i., Calcutta ... ... | ..... | ..... | 14 |
| H. H. Remphrey, Esq., ditto ... ... | ..... | ..... | 18 |
| A. Simson, Esq., ditto ... ... | ..... | ..... | 18 |
| J. Schaumberg, Esq., ditto ... ... | ..... | ..... | 30 |
| A. G. Tytler, Esq., Sarun ... ... ... | ..... | 2 | 20 |
| C. F. Tonnerre, Esq., Rampore Hat ... ... | ... | 3 | 65 |
| W. Valentine, Esq., Calcutta ... ... ... | ..... | ..... | 1 |
| Rev. J. S. Whitney, Barrackpore ... ... .. | ..... | ..... | 100 |
| C. R. Wolterton, Esq., Calcutta ... ... | ..... | ..... | 6 |
| A. Wilson, Esq., ditto ... ... | ..... | ..... | 1 |
| Messrs. Walsh, Lovett & Co., ditto ... ... | 1 | ..... | 36 |
| Seebpore Post Office ... ... ... | ..... | ..... | 30 |
| Rao Raja Krisno Deo Soree Sing, Benares ... ... | ... | 4 | 41 |
| Baboo P. C. Sein, Seebpore ... ... ... | ..... | ..... | 305 |
| „ S. C. Sein, ditto ... ... ... | ..... | ..... | 3 |
| „ B. B. Ghosh, ditto ... ... ... | ..... | ..... | 29 |
| „ G. C. Dutta, ditto ... ... ... | ..... | ..... | 25 |
| „ D. N. Basu, Calcutta ... ... ... | ..... | ..... | 7 |
| „ S. P. Chatterjee, Victoria Nursery, Calcutta ... | ..... | ..... | 147 |
| „ N. C. Mookerjee, Calcutta ... ... ... | ..... | ..... | 8 |
| „ K. C. Mullick, Chinsurah ... ... ... | ..... | ..... | 3 |
| „ P. N. Basu, Calcutta ... .. ... | ..... | ..... | 21 |
| „ T. N. Mullick, ditto ... ... ... | ..... | ..... | 6 |
| „ R. C. Singh, ditto ... ... ... | ..... | ..... | 40 |
| „ G. C. Chuckerbutty, Seebpore ... ... ... | ..... | ..... | 6 |
| „ J. Gangooly, ditto ... ... ... | ..... | ..... | 5 |
| „ G. C. Roy, Dwarhatta ... ... ... | ..... | ..... | 1 |
| „ R. N. Mookerjee, Bally ... ... ... | ..... | ..... | 2 |
| „ K. K. Gooho, Mymensingh ... ... ... | ..... | 1 | 12 |
| „ O. C. Singh, Bhagulpore ... .. ... | ..... | 1 | 14 |
| „ R. R. Koondoo, Calcutta ... ... ... | ..... | ..... | 16 |
| „ K. M. Dutta, Gobardanga ... ... ... | ..... | 4 | 100 |
| „ P. C. Mondol, Noola ... ... ... | ..... | ..... | 9 |
| „ R. D. Ghosh, Howrah ... ... ... | ..... | ..... | 10 |
| „ K. P. Ghosh, Calcutta ... ... ... | ..... | ..... | 2 |
| „ G. N. P. Chowdhury, Calcutta ... ... ... | ..... | ..... | 18 |
| „ K. M. Dutta, Gobardanga ... ... ... | ..... | ..... | 75 |
| „ O. C. Mozoomdar, Seebpore ... ... ... | ..... | ..... | 3 |
| „ R. D. Ghose, ditto ... ... ... | ..... | ..... | 4 |
| „ G. P. Mookerjee, Gobardanga ... ... ... | ..... | ..... | 6 |
| „ K. N. Gangooly, Seebpore ... ... ... | ..... | ..... | 2 |
| „ J. C. Biswas, Calcutta ... ... ... | ..... | ..... | 22 |
| „ Rameshwar Malliah, Howrah ... ... ... | ..... | ..... | 18 |
| „ S. C. Ghosh, Calcutta ... ... ... | ..... | ..... | 3 |
| „ G. L. Roy, ditto ... ... ... | ..... | 5 | 84 |
| „ B. C Banerjee, Seebpore ... ... ... | ..... | 1 | 13 |
| „ A. K. Dutta, Bally ... ... ... | ..... | ..... | 29 |
| „ N. S. Dutta, Howrah ... ... ... | ..... | ..... | 6 |
| „ Tilok Chandra, Calcutta ... ... ... | ..... | ..... | 3 |
| | | | 2 maunds of rheea stems. |
| Burmanundo Sircar, Cuttack ... ... ... | ..... | ..... | 3 |
| Horee Mally, Nurseryman, Manicktolla ... ... | ..... | ..... | 34 |
| Prince Noorooddin Khan, Russapugla ... ... | ..... | ..... | 25 |
| Meea Abdool Sovan, Dacca ... ... ... | ..... | ..... | 9 |
| Sheikh Nohim, Mateabrooj ... ... ... | ..... | ..... | 4 |
| Moulvie Komeruddin, Garden Reach ... ... ... | ..... | ..... | 22 |
| Nazamot Ali, Mateabrooj ... ... ... | ..... | ..... | 2 |
| Sayed Fazul Hossein, Jalalpore, Oudh ... ... | ..... | 1 | 4 |
| Meea Khoda Bux, Moorshedabad ... ... ... | ..... | ..... | 14 |
| Total ... | 43 | 373 | 23,433 |

# APPENDIX III.

*Statement of Seeds received from 1st April 1884 to 31st March 1885.*

| From whom received. | Number of parcels or packets. |
|---|---|
| Sir J. D. Hooker, K.C.S.I., C.B., F.R.S., &c., Director, Royal Garden, Kew, London ... ... ... ... | 321 |
| Botanic Garden, Jamaica ... ... ... ... | 21 |
| Ditto, Natal, Africa ... ... ... | 34 |
| Ditto, Hong-Kong, China ... ... ... | 7 |
| Ditto, George Town, Demerara ... ... | 6 |
| Ditto, Ceylon ... ... ... ... | 6 |
| Ditto, Gunesh Khind, Poona... ... ... | 103 |
| Ditto, Saharunpur ... ... ... | 112 |
| Ditto, Darjeeling ... ... ... | 162 |
| Sir Ferdinand Von Muller, F.R.S., Melbourne, Australia ... | 5 |
| Directeur, Compagnie Continentale d'Horticulture, Gand, Belgium ... ... ... ... ... | 3 |
| Ditto Jardin des Plantes, Saigon ... ... | 25 |
| Professeur de Culture, Museum de Histoire, Naturelle, Paris ... | 1 |
| Director of Agriculture and Commerce, Rangoon ... ... | 4 |
| Secretary, Agri-Horticultural Society, Lahore ... ... | 1 |
| Ditto ditto, Gardon, Lucknow ... | 49 |
| Ditto ditto, Society of India, Calcutta... | 2 |
| D. Morris, Esq., M.A., F.L.S., &c., Gordon Town, Jamaica ... | 4 |
| James Francis, Esq., Cedar Valley, Jamaica ... ... | 1 |
| James Inglis, Esq., Sydney, Australia ... ... ... | 1 |
| Messrs. C. A. J. Black, Toowoomba, Queensland ... ... | 75 |
| Assistant Conservator of Forests, Koliabar, Assam ... ... | 3 |
| Ditto ditto, Kanara, Bombay ... ... | 1 |
| Forest Officer, Hazaribagh, Bengal ... ... ... | 1 |
| E. H. Man, Esq., Port Blair, Andamans ... ... | 160 |
| Munshi Abdoolla, Plant Collector, Port Blair, Andamans ... | 67 |
| C Maries, Esq., Raj Durbhunga, Behar ... ... | 1 |
| Dr. R. A. Barker, Civil Surgeon, Dumka, Behar ... ... | 1 |
| ,, G. Bidie, C.I.E., Superintendent, Central Museum, Madras ... | 1 |
| ,, George King, London ... ... ... | 2 |
| L. J. K. Brace, Esq., Curator of the Herbarium ... ... | 1 |
| J. Gammie, Esq., Government Cinchona Plantation, Mungpoo ... | 1 |
| J. L. Lister, Esq., Darjeeling ... ... ... | 3 |
| Messrs. Williamson, Magor & Co., Calcutta ... ... | 1 |
| A. Cheetham, Esq., Calcutta ... ... ... | 1 |
| G. W. Bartlett, Esq., Calcutta ... ... ... | 1 |
| Unknown donor ... ... ... ... | 11 |
| Baboo Prosunno Coomar Sein, Seebpore... ... ... | 1 |
| Mugdoombux, Durwan ... ... ... ... | 1 |
| Total ... | 1,201 |

# APPENDIX IV.

*Statement showing Seeds distributed from the Royal Botanical Garden during the year* 1884-85.

| To whom sent. | Number of parcels or packets. |
|---|---|
| Sir J. D. Hooker, K.C.S.I., C.B., F.R.S., &c., Director, Royal Garden, Kew, London ... ... ... ... | 214 |
| Dr. Regel, Imperial Garden, St. Petersburg, Russia ... | 1 |
| Botanic Garden, Sydney, Australia ... ... ... | 1 |
| Ditto, Melbourne, Australia... ... ... | 10 |
| Ditto, Edinburgh ... ... ... | 29 |
| Ditto, Glasnevin, Dublin ... ... ... | 193 |
| Ditto, Durban, Natal ... ... ... | 6 |
| Ditto, Cape Town ... ... ... | 1 |
| Ditto, Baden, Germany ... ... ... | 1 |
| Ditto, Hobart Town, Tasmania ... ... | 2 |
| Ditto, Buitenzorg, Java ... ... ... | 49 |
| Ditto, Hong-Kong, China ... ... ... | 7 |
| Ditto, Mauritius... ... ... ... | 7 |
| Ditto, Gordon Town, Jamaica ... ... | 17 |
| Ditto, George Town Demerara ... ... | 3 |
| Ditto, Peradeniya, Ceylon ... ... ... | 24 |
| Ditto, Gunesh Khind, Poona ... ... | 3 |
| Ditto, Ootacamund, Madras... ... ... | 6 |
| Ditto, Saharanpur ... ... ... | 36 |
| Ditto, Darjeeling ... ... ... | 432 |
| Directeur, Compagnie Continentale d'Horticulture, Gand, Belgium | 273 |
| Ditto, Jardin des Plantes. Saigon ... ... ... | 1 |
| Secretary to the Acclimatization Society, Brisbane, Queensland | 3 |
| Ditto Agri-Horticultural Society, Madras ... | 5 |
| Ditto ditto ditto, Lahore ... | 2 |
| Ditto ditto ditto of India, Calcutta... | 8 |
| Superintendent, Agri-Horticultural Garden, Lucknow ... | 17 |
| Member, Madras Agri-Horticultural Society, Devikulan ... | 1 |
| Secretary and Engineer, Akyab Municipality, Akyab ... | 2 |
| Sir John Kirk, M.D., C.M.G., &c., Her Britannic Majesty's Consul-General, Zanzibar ... ... ... ... | 10 |
| William Bull, Esq., King's Road Chelsea, London ... | 33 |
| Messrs. James, Veitch and Sons, King's Road Chelsea, London | 32 |
| „ Haage and Schmidt, Erfurt, Prussia ... ... | 17 |
| „ G. Bremming and Son, St. Kilda Nurseries, Melbourne | 9 |
| Sir Ferdinand Von Muller, F.R.S., University, Melbourne ... | 3 |
| W. G. Head, Esq., Horticultural Department, Crystal Palace, London ... ... ... ... ... | 1 |
| G. F. Wilson, Esq., Heatherbank, London ... ... | 25 |
| Major J. N. Laurence Archer, White Hall Park, London ... | 2 |
| Messrs. Brown, Shipley & Co., Liverpool, England ... | 88 |
| Right Hon'ble the Earl of Ilchester, Dorchester ... ... | 44 |
| E. J. C. Brace, Esq., Les Vaux, Par Galbris, Loir et Cher, France ... ... ... ... ... | 3 |
| D. Morris, Esq., M.A., F.L.S., &c., Director, Public Gardens and Plantations, Gorden Town, Jamaica... ... ... | 6 |
| W. Kirwood, Esq., M.D., Bahamas, West Indies ... ... | 1 |
| Herr Christian Scheving, Caudfiharm, St Thomas', West Indies | 1 |
| His Honor G. B. A. Tailor, Nassau, N. P. Bahamas, ditto ... | 1 |
| Patrick Campbell, Esq., Milton Hill, Queensland, Australia ... | 9 |
| Under-Secretary, Department of Marine, New South Wales, Sydney ... ... ... ... ... | 1 |
| F. A. Bailey, Esq., General Post Office, Perth, West Australia | 91 |
| James Inglis, Esq., 28, Charlotte Place, Sydney, Australia ... | 4 |
| William Scott, Esq., Acting Director, Mauritius ... ... | 43 |
| C. Creagh, Esq., Her Britannic Majesty's Assistant Resident, Laroot, Perak ... ... ... | 111 |
| L. Wray, Esq., Laroot, Perak ... ... ... | 1 |
| C. E. Welldon, Esq., Upcot, Maskeliya, Ceylon ... ... | 1 |
| Messrs. E P. William and Brothers, Heneratgoda, Ceylon ... | 1 |
| Commissioner of Bhagulpore Division ... ... | 1 |
| Ditto Burdwan ditto ... ... | 1 |
| Ditto Orissa ditto ... ... | 1 |
| Ditto Dacca ditto ... ... | 1 |
| Ditto Chittagong ditto ... ... | 1 |
| Ditto Chota Nagpore ditto ... ... | 1 |
| Ditto Rajshahye Division ... ... | 1 |

APPENDIX IV—*continued.*

| To whom sent. | Number of parcels or packets. |
|---|---|
| Deputy Commissioner, Arrakan Hill Tracts ... ... | 4 |
| Ditto, Hoshiarpur, Punjab ... ... | 1 |
| Conservator of Forests, Madras ... ... ... | 3 |
| Ditto, Baroda Raj, Bombay ... ... | 1 |
| Ditto, Dehra Dun ... ... ... | 1 |
| Ditto, Bankoora ... ... ... | 39 |
| Ditto, Moulmein ... ... ... | 1 |
| Ditto, Rangoon ... ... ... | 1 |
| Ditto, Lahore ... ... ... | 1 |
| Ditto, Darjeeling ... ... ... | 1 |
| Deputy Conservator of Forests, Chittagong Division, Rangamati | 7 |
| Ditto ditto, Dharwar, Bombay... ... | 1 |
| Assistant ditto, Ajmere ... ... | 4 |
| E. H. Man, Esq., Port Blair, Andamans ... ... | 16 |
| C. Maries, Esq , Superintendent, Raj Durbhunga Garden ... | 71 |
| Lieutenant-Colonel O. Cowie, Commissary of Ordnance, Calcutta | 54 |
| Ditto Barnard Smith, Assistant Commissary-General, Balooghat ... ... | 1 |
| Ditto A. J. C. Birch, Commandant, 25th Punjab Infantry, Mooltan ... ... | 1 |
| Lieutenant Leonard C. Peters, 17th Madras Native Infantry, Secunderabad ... ... ... ... | 2 |
| Colonel the Hon'ble S. T. Trevor, R E., Calcutta ... ... | 39 |
| Lieutenant N. X. Gwynnee, Shropshire Light Infantry, Malta... | 3 |
| Brigadier-General H. C. Wilkinson, C.B., Presidency District ... | 1 |
| Dr. Bidie, Central Museum, Madras ... ... ... | 2 |
| „ Purves, Burdwan ... ... ... ... | 6 |
| M. R. Weld, Esq., Masulipatam ... ... ... | 12 |
| Harold Hall, Esq , Pulliampetta ... ... ... | 2 |
| Director of Agriculture, Rangoon ... ... ... | 1 |
| Ditto Revenue Settlement and Agriculture, Madras ... | 1 |
| Officiating Director of Agriculture, Nagpore ... ... | 1 |
| Superintendent of Jail, Balasore ... ... ... | 1 |
| Honorary Superintendent, Government Garden, Rangoon ... | 1 |
| J. Coles Hardinge, Esq., Rangoon ... ... ... | 4 |
| Dr. M. A. Lawson, Ootacamund ... ... ... | 3 |
| Captain Symons, S. S. *Pekin* ... ... ... | 150 |
| Thomas Barnard, Esq., Buxar ... ... ... | 6 |
| J. Gammie, Esq., Mungpoo ... ... ... | 2 |
| C. H. Pillans, Esq , Phoolbarrie Tea Company, Limited ... | 8 |
| R F. Martin, Esq., Julpigoree ... ... ... | 9 |
| T. F. Peppe, Esq., Arrah ... ... ... ... | 50 |
| Executive Engineer, Arrah Division ... ... ... | 4 |
| Ditto, Burdwan Division ... ... | 12 |
| District Engineer, Rungpore ... ... ... | 2 |
| Engineer-in-Chief, Dacca and Mymensingh State Railway ... | 1 |
| Sub-Engineer, Public Works Department, Aska ... ... | 1 |
| Chief Engineer and Secretary to Government of Bengal, Public Works Department, Calcutta ... ... ... | 24 |
| Agency Engineer, Rajkot, Bombay ... ... ... | 62 |
| P. W. Brown, Esq., Ellore ... ... ... | 1 |
| Mrs. Blake, Chumparun ... ... ... ... | 1 |
| Claude J. Dumraine, Rampore ... ... ... | 2 |
| F. H. Jones, Esq., Mozufferpore ... ... ... | 1 |
| T. Norman, Esq., ditto ... ... ... | 51 |
| Commandant, Chunar ... ... ... ... | 4 |
| E. M. R. Bailard, Esq., Jamalpur ... ... ... | 12 |
| Political Agent, Manipur ... ... ... ... | 9 |
| A. Parsons, Esq., Simla ... ... ... ... | 5 |
| G. S. Tilly, Esq., Hazaribagh ... ... ... | 22 |
| Cantonment Magistrate, Dinapore ... ... ... | 45 |
| C. H. Sevenoaks, Esq., Midnapore ... ... ... | 1 |
| W. F. Meres, Esq , ditto ... ... ... | 1 |
| W. S. Crowdy, Esq., Harsingpore ... ... ... | 1 |
| President, Eurasian and Anglo-Indian Association, Bangalore ... | 1 |
| Major H. B. Abbott, Political Agent, Jhallawar ... ... | 1 |
| Lieutenant W. C. Plowden, Commandant, Kohima, Naga Hills | 6 |
| Collector of Gorakhpore ... ... ... ... | 1 |
| Manager, Land Mortgage Bank of India, Calcutta ... | 16 |
| Ditto, Court of Wards, Awabgurh Estate, Etah ... | 1 |

## APPENDIX IV—*concluded.*

| To whom sent. | Number of parcels or packets. |
|---|---|
| E. T. Atkinson, Esq., Calcutta ... ... ... | 15 |
| Lady Helen Blackwood, Government Place, Calcutta ... | 44 |
| George W. Campbell, Esq., Great Eastern Hotel, Calcutta ... | 15 |
| A. B. Cobb, Esq., United States Consulate, Calcutta ... | 101 |
| Consul-General for France, Calcutta ... ... ... | 2 |
| R. W. Mitchell, Esq., British Guiana Emigration Agent ... | 1 |
| Messrs. Stanley, Price and Co., Calcutta ... ... | 1 |
| ,, Begg, Dunlop and Co, ditto ... ... | 2 |
| ,, Carlisles, Nephews and Co., ditto ... ... | 1 |
| R. C. C. Hickson, Esq., M.D., Calcutta Station Hospital ... | 1 |
| N. P. Seebbo Reddie, Esq., Nattaput ... ... ... | 1 |
| Budun Lushkur ... ... ... ... | 1 |
| Baboo Bissumbhur Ghosh, Seebpore ... ... ... | 1 |
| ,, Chandra Nath Chowdhery, Beauleah ... ... | 1 |
| ,, Devendranath Bose, Calcutta ... ... ... | 4 |
| ,, Girja Bhussun Roy, ditto ... ... ... | 1 |
| ,, Gurudass Koondoo, Aundul ... ... ... | 8 |
| ,, Haripada Bhattacharjee, Mymensingh ... ... | 2 |
| ,, Kesub Chandra Chatterjee, Seebpore ... ... | 4 |
| ,, Kally Prosunno Ghosh, Calcutta ... ... | 1 |
| ,, Khetter Nath Dutta,. ditto ... ... | 1 |
| ,, Netto Lall Chatterjee, ditto ... ... | 2 |
| ,, Nobin Chundra Roy, Lahore ... ... ... | 2 |
| ,, Prosunno Coomer Banerjee, Calcutta ... ... | 7 |
| ,, Prosunno Coomer Sein, Seebpore ... ... | 2 |
| ,, Protap Narayan Singh, Bankoora ... ... | 1 |
| ,, Satis Chandra Chatterjee, Seebpore ... ... | 10 |
| ,, Tacoor Dass Banerjee, Calcutta ... ... | 48 |
| Total ... | 2,979 |

W. J.—Reg. No. 6301J—533—7-8-85.

# MUNICIPAL DEPARTMENT.

## MEDICAL.

DARJEELING, THE 11TH SEPTEMBER 1885.

## RESOLUTION.

READ—

THE Annual Report on the Royal Botanic Gardens, Calcutta, for the year 1884-85.

THE unusual mildness of the last cold season exerted a favourable influence on the more delicate plants cultivated in the conservatories, while the show of orchids was the most magnificent that has been seen for many years. A large number of the numerous trees planted during the past few years have grown well, and the garden now presents a fine park-like appearance, for which the public of Calcutta, no less than the Government, are indebted to Dr. King.

2. The cultivation of several economic plants engaged the attention of the Superintendent during the year. A fresh attempt was made to introduce the plantain (*Musa textilis*), from which Manilla hemp is derived; but, as on previous occasions, the cold weather proved fatal to every plant of this species. Of the *Rhea* plant, both stems and roots were distributed among persons interested in discovering a proper method of extracting the fibre. Another fibre, which has lately attracted considerable attention, is bow-string hemp, the product of the plant *Sanseviera Zeylanica*. Although not indigenous, the tree grows well in Bengal, and the fibre is said to be admirable, while it is easy of extraction from the plant. Dr. King reports as follows on the Japan paper mulberry—

> "In several of my recent reports I have referred to the Japan paper mulberry as a hopeful source of paper fibre for Bengal. I am happy to say that the trees of this species in the garden continue to grow well. Although now only three years old, they are twenty-five feet high, and have proportionately thick stems. The fibre contained in the bark is one of the best materials for paper known. It is easily separated, is strong, and requires little bleaching. As the tree grows thoroughly well and coppices freely, I think it quite possible that, in the course of time, natives may be induced to grow it on the odd corners of land which are so common near Bengali villages."

The *Sabai* grass, the suitability of which as a raw material for paper has been established beyond doubt, is now largely used in local manufacture. Attention has lately been given to an important alkaloid, called cocaine, which is extracted from the leaves of the cocoa plant; and this plant is now being propagated to a large extent for distribution.

3. There have been considerable additions to the collection of dried plants, the contributors being Sir J. D. Hooker, Mr. Kunstler, Mr. Gamble, Mr. Duthie, Mr. Talbot, Dr. Cooke, and several others. The interchange of seeds and plants went on actively during the year, the issues amounting to 23,433 living plants, and 2,979 packets of seeds; and the receipts to 12,056 living plants, and 1,201 packets of seeds. The receipts from sale of surplus plants amounted to Rs. 1,075-11-6.

4. The *Lloyd Botanical Gardens, Darjeeling*, which had suffered severely in recent years from the depredations of cockchaffer grubs, were comparatively free from this pest during the year under review. The grub has gradually disappeared, and the garden has once more been stocked with varieties of plants. It is to be hoped that the grub, which is said to be extending its ravages in the Darjeeling district, will display no partiality for tea. Dr. King states that there is some possibility of the site of the old municipal vegetable garden, situated between the Eden Sanitarium and the Botanical Gardens, being used either for dhobies' huts or washing tanks. The Lieutenant-Governor

considers that this would be most undesirable, and trusts that Dr. King may be able to make some arrangement with the Municipal Commissioners to prevent it. A special report on the subject should be submitted.

5. The thanks of the Lieutenant-Governor are again due to Dr. King and his subordinates for the excellent work done during the year. For the first seven months of the year Dr. King was on furlough, and his duties were carried on by Mr. Brace, the Curator of the Herbarium.

ORDER.—Ordered that copies of the Report and of the Resolution be submitted to the Government of India in the Revenue and Agricultural Department for information.

Ordered also that a copy of the Resolution be forwarded to the Superintendent of the Botanical Gardens for information.

By order of the Lieutenant-Governor of Bengal,

J. WARE EDGAR,

*Offg. Secy. to the Govt. of Bengal.*

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No. 1732T—M.

COPY forwarded to the Superintendent of the Botanical Gardens, Calcutta, for information.

By order of the Lieutenant-Governor of Bengal,

G. K. LYON,

*Offg. Under-Secy. to the Govt. of Bengal.*

DARJEELING;
*The 11th September* 1885.

J. B. K.—Reg. No. 7017C—255—23-9-85.